

Please join us at our next **NASA Carbon Monitoring System (CMS) Policy Speaker Series** talk:

A satellite-powered technology to guide sustainability strategies in the food and forestry sectors

Dr. Oleg Demidov

Co-founder and CEO at [CarbonSpace](#)

Dr. Ruslan Zhuravlev

Co-founder and Chief Research Officer at [CarbonSpace](#)

Monday, April 4, 2022

12:00PM-1:00PM Eastern Time

[Register here for the WebEx Meeting Link.](#)

The Policy Speaker Series is an effort funded through the NASA Carbon Monitoring System (CMS) Initiative and co-sponsored by the [Joint Global Carbon Cycle Center](#) (JGCCC).

About the Talk

The corporate sector has been investing heavily in quantification, management, and mitigation of the carbon footprint due to the increasing regulatory and stakeholder pressure. However, there's still a lot of uncertainty in the supply chains of the food and forestry sectors. Another popular part of the corporate carbon action - nature-based carbon removal projects - is also under criticism for failures to verify its quality.

An Ireland-based startup CarbonSpace (<https://carbonspace.tech/>) aims at providing a better carbon footprint estimation tool to these sectors, by developing a technology that benefits from both “top-down” and “bottom-up” approaches to estimating carbon fluxes from different land use. CarbonSpace’s co-founders Dr. Oleg Demidov and Dr. Ruslan Zhuravlev will speak about the technology, its potential and limitations, as well as about its place within the ecosystem of satellite-based solutions for commercial applications.

About Our Speakers



Dr. Oleg Demidov

Co-founder and CEO at CarbonSpace

Serial tech entrepreneur, founder of several startups including Navigine Inc. Dr. Demidov has 15+ years of experience in technology innovations, international business development and top-management consulting, including Droege & Comp and Pattern Group. He holds a Ph.D. in satellite and inertial navigation and MA in Economics.



Dr. Ruslan Zhuravlev

Co-founder and Chief Research Officer at CarbonSpace

Former Principal Investigator in the GOSAT project. Previously co-founder of an air quality forecasting startup Aerostate. Among other projects, Dr. Zhuravlev analyzed total radioactive emissions in the atmosphere during the Fukushima nuclear disaster. He has 15 years of experience in atmospheric science, holds a Ph.D. in “Physics of atmosphere and hydrosphere” and has 20+ publications in peer-reviewed journals with high impact factor, including Nature Communications.

Past Seminars: Check out recordings of previous Policy Speaker Series talks on the CMS website: http://carbon.nasa.gov/policy_series.html

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